



The casting range.

High-performance grinding tools for castings treatments.

Simplify your work.

**RHODIUS**<sup>®</sup>  
Schleifwerkzeuge

# KNOW-HOW Made by Rhodius

Individual tools that are ideally matched to the application cases are needed to treat various materials. Because it doesn't matter how good the tool is, it needs a trained hand to get the most out of it.

Our main task is to provide our customers with the „right“ grinding tool for perfect results. Rhodius application engineers provide daily help throughout Europe with application engineering advice.

## You too can benefit from:

- Professional monitoring from the first grinding tests to the result by Rhodius application engineers
- On-the-spot support for application problems

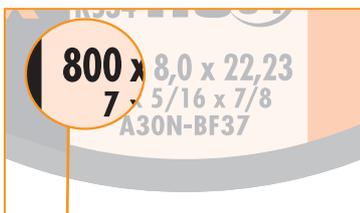
You can also benefit from our many years of experience in the foundry sector.



Please note that this brochure only contains a small part of our overall assortment for the field of casting.



## STATIONARY & special designs



### All stationary discs available in:

- Ø 300 - 350 mm (flat)
- Ø 400 - 600 mm (flat/right-angle)
- Ø 800 - 1000 mm (flat)

Our product assortment naturally also includes cut-off and grinding wheels for stationary machines in various diameters (see figures on the left). We can also offer **cup wheels** and **abrasive segments** in various designs.

We can supply all of the discs and wheels shown here in other quality, dimensions and widths on request. We can also manufacture grinding tools that meet your individual performance and size requirements if sufficient numbers are ordered and purchased.

**Give us a call!** The Rhodius-Team will be pleased to be of assistance at any time.



# CUTTING

## //Casting skin

- Material:**
- Gray cast and ductile graphite iron
  - Steel

- Application:**
- Cutting off metal spurs
  - Profiles
  - Solid material
  - Steel sheets

- Product advantages:**
- Especially for treating sand inclusions, casting skins and metal penetrations
  - High efficiency on high frequency machines and compressed-air grinders
  - Silicone Carbide
  - High efficiency

## GT501 //Z-MAX



### GT501 ACZ24P11BF1429

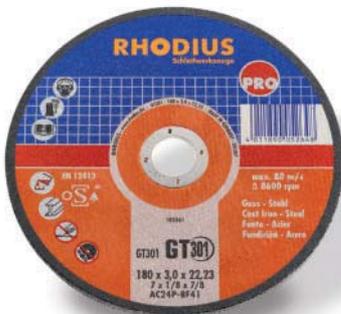
230 x 3,2 x 22,23	207481	4011890061640	25

### GT501 ACZ24P11BF1429

230 x 3,2 x 22,23	207366	4011890061244	25

High performance tool with the best working results on compressed-air grinders, powerful high frequency and electric angle grinders. The cut-off wheel is ideal for cutting solid materials, profiles and steel sheets thanks to the grain combination of **Zirconium** and **Silicone Carbide** that is used. Loadable high performance tool with maximum cutting power and excellent lifetime.

## GT301



### GT301 AC24P-BF41

180 x 3,0 x 22,23	205207	4011890052648	25

### GT301 AC24P-BF42

125 x 3,0 x 22,23	205206	4011890052613	25

Profi-Tool for compressed-air grinders, powerful high frequency and electric angle grinders. The grain combination (Aluminium-Oxide and Silicone Carbide) that is used guarantees the cutting of solid material, profiles and steel sheets with a very good cutting power and lifetime.

## GT101



### GT101 42C30010BF1403

230 x 3,0 x 22,23	201971	4011890034729	25

### GT101 42C310BF1403

230 x 3,0 x 22,23	208174	4011890065532	25

Efficient tool to cut solid material with a high cutting power and good lifetime. The grain used (Silicone Carbide) makes the cut-off wheel ideal for strong metal penetration, sand inclusions and casting skins. Can also be used with low-power angle grinders.



# GRINDING

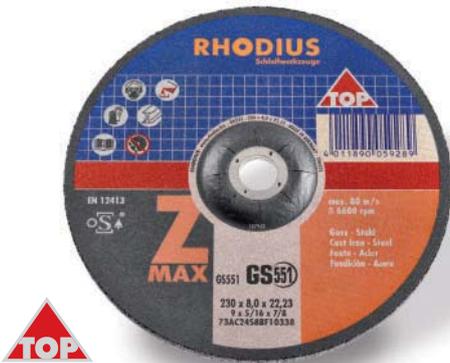
## //Casting skin

- Material:**
- Gray cast and ductile graphite iron
  - Steel

- Application:**
- Levelling
  - Edge grinding
  - Surface grinding
  - Burr removing
  - Welding seams

- Product advantages:**
- Especially for treating sand inclusions, casting skins and metal penetrations
  - High efficiency on high frequency machines and compressed-air grinders
  - Silicone Carbide
  - High efficiency

## GS551 //Z-MAX

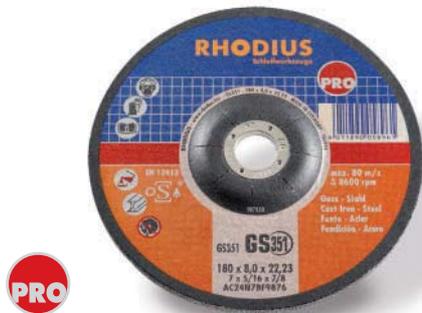


Profi-Tool for compressed-air grinders, powerful high frequency and electric angle grinders. The grain combination of **Zirconium** and Silicone Carbide that is used makes the grinding disc suitable for treating casting skins with sand inclusions and also meets the highest requirements. Tools need not be changed since the tool displays an excellent stock removal efficiency and a very good lifetime with even high tensile materials and also removes strong metal penetrations with no problems. For treating welding seams, edges, root seams as well as edge and surface grinding.

GS551 73AC2458BF10338

230 x 8,0 x 22,23	206973	4011890059289	10

## GS351



The grinding wheel is suitable for treating casting skins and castings thanks to the grain combination used (Aluminium-Oxide and Silicone Carbide). No tool change is needed. The grinding disc also has a high cutting power with a very good lifetime and is suitable for edge and surface grinding. The best working results are achieved on compressed air turbine grinders and powerful high frequency and electric angle grinders.

GS351 AC24N7BF9876

180 x 8,0 x 22,23	206916	4011890058961	10

## GS151



The tool has a high cutting power with only a low grinding pressure. Design with high cutting power and good lifetime for surface grinding. The grain used (Silicone Carbide) makes the grinding disc ideal for strong metal penetrations, sand inclusions and casting skins and means that it can also be used with low-power angle grinders.

GS151 C24P-BF29

180 x 7,0 x 22,23	207029	4011890059630	10
230 x 7,0 x 22,23	207030	4011890059647	10



# CUTTING

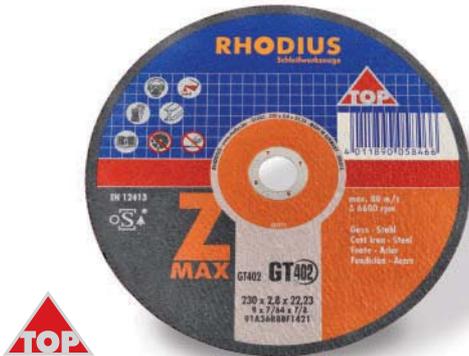
//Allround

- Material:**
- Gray cast and ductile graphite iron
  - Steel

- Application:**
- Cutting off metal spurs
  - Profiles
  - Solid material
  - Steel sheets

- Product advantages:**
- For treating all types of castings
  - High efficiency on high frequency machines and compressed-air grinders
  - High efficiency

## GT402 //Z-MAX



High performance tools with the best working results on compressed-air grinders, powerful high frequency and electric angle grinders. The **Zirconium** used means that the grinding disc withstands the highest demands when cutting solid material, profiles and steel sheets with maximum cutting power and an outstanding lifetime.

GT402 91A36R88BF1421

230 x 2,8 x 22,23	206815	4011890058466	25
230 x 3,2 x 22,23	206817	4011890058480	25

GT402 91A36R88BF1421

230 x 2,8 x 22,23	206816	4011890058473	25
230 x 3,2 x 22,23	206818	4011890058497	25

## GT202



Profi-Tool for compressed-air grinders, powerful high frequency and electric angle grinders. The special grain used makes the cut-off wheel a loadable, high performance tool with a very good cutting power and lifetime. To cut solid materials, profiles and steel sheets.

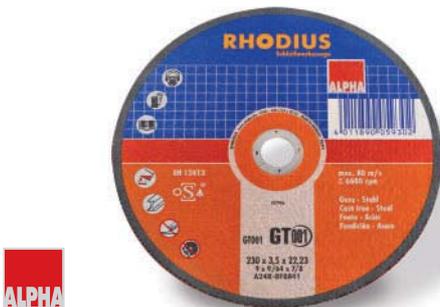
GT202 74A24U09BF1360

230 x 3,3 x 22,23	205060	4011890065525	25

GT202 91A36R88BF1421

230 x 3,3 x 22,23	208175	4011890065549	25

## GT001



Allround use, even for angle grinders with a low power. Efficient tool to cut solid material, steel sheets and profiles. With high cutting power and good lifetime.

GT001 A24R-BF8841

230 x 3,5 x 22,23	206979	4011890059302	25

GT001 91A36R88BF1421

230 x 3,3 x 22,23	203203	4011890016190	25



# GRINDING

## //Allround

**Material:**

- Gray cast and ductile graphite iron
- Steel

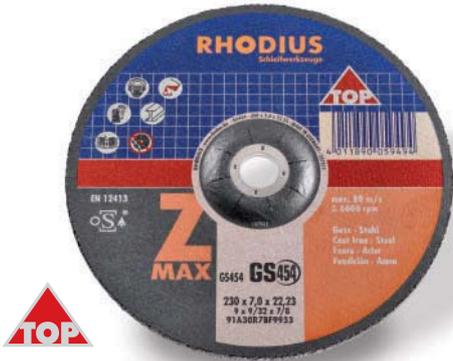
**Application:**

- Levelling
- Edge grinding
- Surface grinding
- Burr removing
- Welding seams

**Product advantages:**

- For treating all types of castings
- High efficiency on high frequency machines and compressed-air grinders
- High efficiency

## GS454//Z-MAX

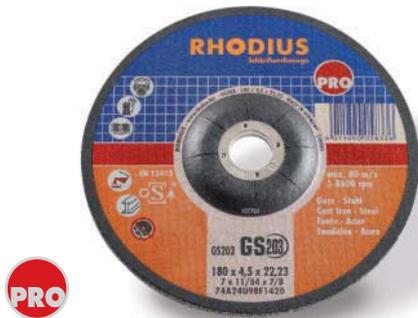


High performance tool with the best working results on compressed-air grinders, powerful high frequency and electric angle grinders. The **Zirconium** used means that the grinding disc meets the highest demands when treating all types of cast material. The disc is hereby characterised by an excellent stock removal efficiency and lifetime. To machine welding seams, edges, root seams as well as edge and surface grinding.

### GS454 91A30R7BF9933

Symbol	Code	Barcode	Qty	
	180 x 7,0 x 22,23	206825	4011890058589	10
	230 x 7,0 x 22,23	207015	4011890059494	10

## GS203



Profi-Tool for compressed-air grinders, powerful high frequency and electric angle grinders. The special grain used gives the grinding disc a high cutting power with a very good lifetime, making it ideal for edges and surface grinding.

### GS203 74A24U9BF1420

Symbol	Code	Barcode	Qty	
	180 x 4,5 x 22,23	206885	4011890058336	10

## GS053



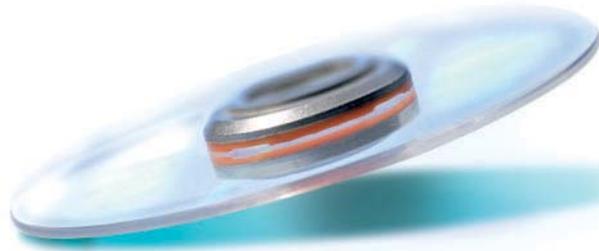
Allround-Tool, high cutting power with only a low grinding pressure. Design with high cutting power and good lifetime for surface grinding. The grinding disc is also suitable for low-power angle grinders.

### GS053 74A24U9BF1420

Symbol	Code	Barcode	Qty	
	180 x 6,0 x 22,23	206899	4011890058848	10
	180 x 8,0 x 22,23	206900	4011890058855	10
	230 x 8,0 x 22,23	206902	4011890058862	10

Art. Nr. 90443

# NEW: The Rhoducer. FEEL THE DIFFERENCE!



**The Rhoducer:** The only flange that noticeably reduces vibrations.

**Test the new Rhoducer** and feel the difference.



## Rhoducer

303252	4011890062746	1



The overall vibration value determined from the frequency-dependent acceleration with a normal flange and the Rhoducer (measured with Bosch high-frequency angle grinder (2900 W) type number 0602331036, with grinding wheel 180 x 7,0 mm on GGG80 30 x 50 x 800 mm).

*The machine runs more smoothly and, what's more, I can apply a higher grinding pressure and the noise*

Armin C.,  
Building fitter

**ORIGINAL QUOTE:**  
„If I have to clean casting seams for 3-4 hours at a time each day I'm usually quite tired by the evening (...). Things have got a lot better since I fitted a **Rhoducer** to my grinder. It really does absorb a large part of the vibrations. (...) what's more, I can apply a higher grinding pressure and the noise has also got better.“

# // PICTOGRAMS

## Materials:

-  Castings
-  Steel
-  Stone

## Product details:

-  Dimension
-  Article number
-  Bar-Code
-  Packing unit

## Material pictograms:

-  Castings
-  Steel
-  Stone

## Machines:

-  Free-hand angel grinder

## Trade pictograms:

-  Foundry
-  Ship-building

## Quality levels:



**High-performance Zirconium:** the fine-crystalline structure of the Zirconium lends Z-MAX-discs a self-sharpening effect to achieve a very good stock removal performance, cool cuts a high lifetime.



Best products of their category for maximum performance and quality.



For particularly high demands and frequent use in industry and trades.



Reliable abrasive tools for the price-conscious expert.

## Shapes:



Cutting disc  
flat (shape 41)



Cutting disc  
depressed (shape 42)



Grinding disc (shape 27)

## General information:



max. working speed